

## EAST Search History

| Ref # | Hits | Search Query   | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 10   | mafune-shuichi.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/06/20 17:22 |
| S1    | 30   | perovskite same transition same "rare earth" same noble                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/06/16 18:27 |
| S2    | 26   | (perovskite with oxide) same transition same "rare earth" same noble         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/06/16 18:33 |
| S3    | 23   | (oxide) same transition same "rare earth" same noble same heat\$4            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/06/16 18:35 |
| S4    | 483  | 423/592.1.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/06/16 18:35 |
| S5    | 18   | 423/592.1.ccls. and noble  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/06/17 17:11 |
| S6    | 2    | 423/592.1.ccls. and noble and transition and "rare earth"                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/06/16 18:39 |
| S7    | 3    | (salt with transition) same (salt with "rare earth") same heat\$4 same noble | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/06/16 18:40 |
| S8    | 1    | "20040191150"  | US-PGPUB                                  | OR               | ON      | 2006/06/17 16:36 |
| S9    | 322  | catalyst and noble same transition same rare                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/06/17 17:12 |
| S10   | 311  | catalyst and noble same transition same "rare earth"                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/06/17 18:07 |
| S11   | 103  | stamires-dennis.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/06/17 17:23 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S12 | 90    | stamires-dennis.in. and catalyst   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/17 17:23 |
| S13 | 43    | catalyst and noble same transition<br>same "rare earth" and perovskite   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/17 18:53 |
| S14 | 21    | catalyst and noble same transition<br>same "rare earth" and perovskite<br>and (reaction with temperatur\$3)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/17 19:01 |
| S15 | 22    | catalyst and noble same transition<br>same "rare earth" and perovskite<br>and ((mix\$4 or preparat\$4 or<br>combin\$4) with temperatur\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/17 19:19 |
| S16 | 49676 | catalyst and ((reaction or mix\$4 or<br>combin\$4 or stir\$5) with<br>temperature) with low  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/17 19:20 |
| S17 | 12580 | catalyst with ((reaction or mix\$4 or<br>combin\$4 or stir\$5) with<br>temperature) with low   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/17 19:21 |
| S18 | 1146  | "423"/\$.ccls. and catalyst with<br>((reaction or mix\$4 or combin\$4 or<br>stir\$5) with temperature) with low                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/17 19:23 |
| S19 | 409   | "423"/\$.ccls. and catalyst with ((<br>mix\$4 or combin\$4 or stir\$5) with<br>temperature) with low                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/19 16:28 |
| S20 | 226   | "423"/\$.ccls. and catalyst with ((<br>mix\$4 or combin\$4 or stir\$5) with<br>temperature) with room                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/17 19:31 |
| S21 | 2     | "423"/\$.ccls. and perovskite with ((<br>mix\$4 or combin\$4 or stir\$5) with<br>temperature) with room                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/17 19:33 |
| S22 | 9     | "423"/\$.ccls. and perovskite same<br>(( mix\$4 or combin\$4 or stir\$5)<br>with temperature) with room                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/17 19:45 |
| S23 | 6     | yano-takuya.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/17 19:46 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S24 | 15  | suda-hisashi.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/17 19:46 |
| S25 | 409 | "423"/\$.ccls. and catalyst with (( mix\$4 or combin\$4 or stir\$5) with temperature) with low  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/19 16:28 |
| S26 | 226 | "423"/\$.ccls. and catalyst with (( mix\$4 or combin\$4 or stir\$5) with temperature) with room | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/19 16:28 |
| S27 | 399 | S25 not S26   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/19 16:43 |
| S28 | 30  | impregnation with noble with "pH"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/19 16:50 |
| S29 | 0   | impregnation with noble with "pH" with ammonia  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/19 16:50 |
| S30 | 0   | impregnation with noble with "pH" same ammonia  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/19 16:50 |
| S31 | 673 | precipitat\$4 with ammonia with "carbon dioxide"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/20 11:17 |
| S32 | 3   | precipitat\$4 with ammonia with "carbon dioxide" same perovskite                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/20 11:17 |
| S33 | 7   | precipitat\$4 with ammonia with "carbon dioxide" and perovskite                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/20 17:21 |